COMMONWEALTH OF KENTUCKY BEFORE THE PUBLIC SERVICE COMMISSION

* * * * *

In the Matter of:

GENERAL ADJUSTMENTS IN)
ELECTRIC RATES OF) CASE NO. 8734
KENTUCKY POWER COMPANY)

O R D E R

IT IS ORDERED that Kentucky Power Company ("Kentucky Power") shall file an original and 12 copies of the following information with the Commission by no later than two weeks after its application is filed. Each copy of the data requested should be placed in a bound volume with each item tabbed and each volume should include an index of the contents therein. a number of sheets are required for an item, each sheet should be appropriately indexed, for example, Item 1(a), Sheet 2 of 6. Include with each response the name of the witness who will be responsible for responding to questions relating to the information provided. Careful attention should be given to copied material to insure that it is legible. Where information requested herein has been provided along with the original application, in the format requested herein, reference may be made to the specific location of said information in responding to this information request. If neither the requested information nor a motion for an extension of time is filed by the stated date, the case may be dismissed.

- 1. Capital structure at the end of each of the periods as shown in Format 1.
- 2. a. Provide a list of all outstanding issues of long term debt as of end of the latest calendar year and the end of the test period together with the related information as shown in Format 2a. A separate schedule is to be provided for each time period. Report in Column (k) of Format 2a, Schedule 2 the actual dollar amount of debt cost for the test year. Compute the actual and annualized composite debt cost rates and report them in Column (j) of Format 2 a, Schedule 2.
- b. Provide an analysis of end of period short term debt and a calculation of the average and end of period cost rates as shown in Format 2b.
- 3. Provide a list of all outstanding issues of preferred stock as of end of the latest calendar year and the end of the test period as shown in Format 3. A separate schedule is to be provided for each time period. Report in Column (h) of Format 3, Schedule 2, the actual dollar amount of preferred stock cost accrued and/or paid during the test year. Compute the actual and annualized preferred stock cost rate and report the results in Column (h) of Format 3, Schedule 2.
- 4. a. Provide a listing of all issues of common stock in the primary market during the most recent 10 year period as shown in Format 4a.
- b. Provide the common stock information on a quarterly and yearly basis for the most recent 5 calendar years available, and through the latest available quarter as shown in Format 4b.

- c. Provide monthly market price figures for common stock for each month during the most recent 5 year period and for the months through the date the application is filed as shown in Format 4c. Provide a listing of all stock splits by date and type.
- 5. Provide a computation of fixed charge coverage ratios for the 10 most recent calendar years and for the test year as shown in Format 5.
- 6. a. A schedule of the present and proposed rates, charges, terms and conditions, and service rates and regulations which the applicant seeks to change, shown in comparative form.
- b. A detailed analysis of customers' bills, adjusted to actual usage and in such detail that the revenues from the present and proposed rates can be readily determined.
- c. A schedule of test year revenues for each rate schedule per book rates, present rates annualized, and proposed rates annualized.
- d. A schedule setting forth the effect upon average consumer bills.
- e. A statement setting forth estimates of the effect that the new rate or rates will have upon the revenues of the utility, the total amount of money resulting from the increase or decrease and the percentage increase or decrease.
- f. A schedule showing by customer class (i.e., residential, commercial, industrial, etc.) the amount and percent of any proposed increase or decrease in revenue distributed to

each class. This schedule is to be accompanied by a statement which explains in detail the methodology or bases used to allocate the requested increase or decrease in revenue to each of the respective customer classes.

- g. A schedule showing how the increase or decrease in (f) above was further distributed to each rate charge (i.e., customer or facility charge, KWH charge, etc.). This schedule is to be accompanied by a statement which explains, in detail, the methodology or bases used to allocate the increase or decrease.
- h. A statement showing by cross-outs and italicized inserts all proposed changes in rates, charges, terms and conditions, and service rules and regulations for each rate or charge. Copy of current tariff may be used. Item 6 should be provided where not previously included in the record.
- 7. a. In comparative form, a total company income statement, a statement of changes in financial position, and a balance sheet for the test year and the 12-month period immediately preceding the test year.
- b. A comparative income statement (show net income) for Kentucky Power's Kentucky retail operations for the test year and the 12-month period immediately preceding the test year.
- 8. A trial balance as of the last day of the test year (all income statement accounts should show activity for 12 months) showing account number, account title, and amount. Clearly identify accounts maintained on a total company basis and accounts maintained on a jurisdictional basis (indicate jurisdiction). Show the balance in each control and all underlying subaccounts per company books.

- 9. The balance in each current asset and each current liability account and subaccount included in the applicant's chart of accounts by months for the test year. Additionally, show total current assets, total current liabilities and the net current position by months, annually, and the 13-month average for the test year. Provide a reconciliation of current assets, current liabilities and net current position provided in response to the above with the current assets and current liabilities as shown on the balance sheet for each month of the test year.
- 10. List each general office account (asset, reserve, and expense accounts) covering the 12 months of the test year. Show the amount allocated to each jurisdiction and a calculation of the factor used to allocate each amount.
- 11. The following monthly account balances and a calculation of the average (13-month) account balances for the test year:
 - a. Plant in service (Account 101)
 - b. Plant purchased or sold (Account 102)
 - c. Property held for future use (Account 105)
 - d. Construction work in progress (Account 107)
 - e. Completed construction not classified (Account 106)
 - f. Depreciation reserve (Account 108)
 - g. Plant acquisition adjustment (Account 114)
 - h. Amortization of utility plant acquisition adjustment (Account 115)
 - i. Materials and supplies (include all accounts and subaccounts)

- j. Balance in accounts payable applicable to each account in i above. (If actual is indeterminable, give reasonable estimate.)
- k. Unamortized investment credit Pre-Revenue Act of 1971.
- 1. Unamortized investment credit Revenue Act of 1971
- m. Accumulated deferred income taxes
- n. A summary of customer deposits as shown in Format lln to this request
- o. Computation and development of minimum cash requirements
- p. Balance in accounts payable applicable to amounts included in utility plant in service (If actual is indeterminable, give reasonable estimate)
- q. Balance in accounts payable applicable to amounts included in plant under construction (If actual is indeterminable, give reasonable estimate)
- r. Short-term borrowings
- s. Interest on short-term borrowings (expense)
- 12. The cash account balances at the beginning of the test year and at the end of each month during the test year for total company.
- 13. Provide the following information for each item of electric property held for future use at the end of the test year:
 - a. Description of property
 - b. Location
 - c. Date purchased
 - d. Cost
 - e. Estimated date to be placed in service

- f. Brief description of intended use
- g. Current status of each project
- 14. Schedules in comparative form showing by months for the test year and the year preceding the test year the total company balance in each electric plant and reserve account or subaccount included in the applicant's chart of accounts as shown in Format 14.
- of electric utility plant acquired as an operating unit or system by purchase, merger, consolidation, liquidation, or otherwise since the inception of the Company. Also, a schedule showing the calculation of the acquisition adjustment at the date of purchase of each item of utility plant, the amortization period, and the unamortized balance at the end of the test year.
- porting all accounting, pro forma, end of period, and proposed rate adjustments in the rate application to revenue, expense, investment and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment including the reason why each adjustment is required. Explain in detail all components used in each calculation including the methodology employed and all assumptions applied in the derivation of each adjustment. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.
- 17. a. A schedule showing a comparison of the balance in the Kentucky retail revenue accounts for each month of the test year to the same month of the preceding year for each revenue

account or subaccount included in Kentucky Power's chart of accounts. Include appropriate footnotes to show the month each rate increase was granted and the first month the full increase was recorded in the accounts. See Format 14.

- b. A schedule in comparative form showing by months and annually for the test year and the year preceding the test year the balance in each total company retail revenue account or subaccount in Kentucky Power's chart of accounts that requires allocation to the Kentucky retail jurisdiction and the amount applicable to the Kentucky retail jurisdiction. See Format 14.
- 18. a. A schedule showing a comparison of the balance in each total company electric operating expense account for each month of the test year to the same month of the preceding year for each account or subaccount included in Kentucky Power's chart of accounts. See Format 14.
- b. A schedule in comparative form showing the total company electric operating expense account balances for the test year and each of the 5 years preceding the test year for each account or subaccount included in Kentucky Power's annual report (FERC Form No. 1, Pages 320-323). Show the percentage of increase of each year over the prior year.
- c. A schedule of total company salaries and wages for the test year and each of the five calendar years preceding the test year as shown in Format 18c attached. For each time period show the amount of overtime pay.
- d. A schedule showing the percentage of increase in salaries and wages for both union and non-union employees for the test year and the five preceding calendar years.

19. The following tax data for the test year for total company electric, Kentucky retail, other retail jurisdiction, and FERC wholesale:

a. Income taxes:

- (1) Federal operating income taxes deferred accelerated tax depreciation
- (2) Federal operating income taxes deferred other (explain)
- (3) Federal income taxes operating
- (4) Income credits resulting from prior deferrals of Federal income taxes
- (5) Investment tax credit net
 - (i) Investment credit realized
 - (ii) Investment credit amortized Pre-Revenue Act of 1971
 - (iii) Investment credit amortized Revenue Act of 1971
- (6) Provide the information in 13a (1) through 13a (4) for state income taxes
- (7) Reconciliation of book to taxable income as shown in Format 19a (7) attached and a calculation of the book Federal and State income tax expense for the test year using book taxable income as the starting point
- (8) A copy of Federal and State income tax returns for the taxable year ended during the test year including supporting schedules
- (9) Schedule of franchise fees paid to cities, towns or municipalities during the test year including the basis of these fees
- b. An analysis of Kentucky other operating taxes as shown in Format 19b, attached.
- 20. A schedule of total company net income per 1,000 KWH sold per company books for the test year and the 5 calendar years

preceding the test year. This data should be provided as shown in Format 20 attached.

- 21. The comparative operating statistics as shown in Format 21 attached.
- 22. A schedule of total company average electric plant in service per 1,000 KWH sold by account per company books for the test year and the 5 calendar years preceding the test year. This data should be provided as shown in Format 22 attached.
- 23. A statement of electric plant in service per company books for the test year. This data should be presented as shown in Format 23 attached.
- 24. a. Provide a detailed analysis of all (jurisdictional) charges booked during the test period for advertising expenditures. The analysis should include a complete breakdown of Account 913 Advertising Expenses, as shown in Format 24a attached and further should show any other advertising expenditures included in any other expense accounts. The analysis should be specific as to the purpose of the expenditure and the expected benefit to be derived.
- b. Provide an analysis of account 930 Miscellaneous General Expenses for the test period. This analysis should show a complete breakdown of this account as shown in attached Format 24b and further provide all detailed working papers supporting this analysis. As a minimum, the work papers should show the date, vendor, reference (i.e. voucher no., etc.), dollar amount and brief description of each expenditure. Detailed analysis is

not required for amounts of less than \$500 provided the items are grouped by classes as shown in Format 24b attached.

- c. Provide an analysis of Account 426 Other Income Deductions for the test period. This analysis should show a complete breakdown of this account as shown in attached Format 24c, and further provide all detailed working papers supporting this analysis. As a minimum the work papers should show the date, vendor, reference (i.e., voucher no, etc.), dollar amount and brief description of each expenditure. Detailed analysis is not required for amounts of less than \$500 provided the items are grouped by classes as shown in Format 24c attached.
- 25. A detailed analysis of contributions for charitable and political purposes (in cash or services), if any, recorded in accounts other than Account 426. This analysis should indicate the amount of expenditure, the recipient of the contribution and the specific account charged.
- 26. A statement describing Kentucky Power's lobbying activities and a schedule showing the name of the individual, his salary, his organizations or trade associations involved in and all company-paid or reimbursed expenses or allowances and the account charged for all personnel for whom a principal function is that of lobbying, whether it be lobbying on the local, state, or national level.
- 27. A schedule showing the test year and the year preceding the test year with each year shown separately the following

information regarding Kentucky Power's investments in subsidiaries and joint ventures:

- a. Name of subsidiary or joint venture
- b. Date of initial investment
- c. Amount and type of investment made for each of the 2 years included in this report.
- d. Balance sheet and income statement for the test year and the year preceding the test year. Where only internal statements are prepared, furnish copies of these.
- e. Show on a separate schedule all dividends or income of any type received by Kentucky Power from its subsidiaries or joint ventures for each of the 2 year report periods and indicate how this income is reflected in the reports filed with the Commission and the stockholder reports.
- f. Name of officers of each of the subsidiaries or joint ventures, officer's annual compensation, and portion of compensation charged to the subsidiary or joint venture. Also, indicate the position each officer holds with Kentucky Power and the compensation received from Kentucky Power.
- 28. Provide the following information with regard to Kentucky Power's Other Investments (Account 124) in Franklin Real Estate Company and Indiana Franklin Realty, Inc.:
 - a. The nature of each investment
 - b. The corporate purpose and functions of each entity listed above.
 - c. Any ownership relationship, common employees, or directors or any other affiliation existing among the above listed entities and any member of the A.E.P. system.
 - d. A list of any purchases of goods or services from these companies by Kentucky Power during

the test period including a full description of the purchase, the dollar amount, the account or accounts involved and the expected benefit to the Kentucky ratepayer.

- e. An analysis of these investments presented as shown in Format 28(e) attached.
- 29. a. A schedule showing by month the dollar amount of fuel purchased from affiliated and nonaffiliated suppliers for the test year.
- b. A calculation of the dollar amount paid for fuel purchased each month from affiliated suppliers for the test year.
- c. A calculation showing the average (13 month) number of days' supply of coal on hand for the test year and each of the five years preceding the test year (include a copy of all workpapers). Also include a written detailed explanation of factors considered in determining what constitutes an average day's supply of coal.
- 30. Provide the following information with regard to uncollectible accounts for the test year and 5 preceding calendar years (taxable year acceptable) for total company:
 - a. Reserve account balance at the beginning of the year
 - b. Charges to reserve account (accounts charged off)
 - c. Credits to reserve account
 - d. Current year provision
 - e. Reserve account balance at the end of the year
 - f. Percent of provision to total revenue
- 31. a. A listing of non-utility property and property taxes and account where amounts are recorded.

- b. A schedule for all non-utility property giving a description, the date purchased and the cost.
 - 32. Rates of return in Format 32 attached.
 - 33. Employee data in Format 33 attached.
- 34. The jurisdictional allocation study for the test year including all applicable work papers.
- 35. A list of generation units completed or under construction during the test year. This list should include the capacity, actual or estimated total cost, type of fuel to be utilized, and the in service or estimated completion date for each unit.
- 36. Actual fuel costs for the test year. The costs should be given in total dollars, cents per KWH generated, and cents per MBTU for each type fuel. Data should also be supplied on the actual amounts of each type of fuel used, the numbers of BTU's obtained from each type of fuel, and the KWH generated by each type of fuel.
- 37. Provide a detailed analysis of the retained earnings account for the test period and the 12 month period immediately preceding the test period.
- 38. Provide a detailed analysis of expenses incurred during the test year for professional services, as shown in Format 38, and all working papers supporting the analysis. At minimum, the working papers should show the payee, dollar amount, reference (i.e., voucher no., etc.), account charged, hourly rates and time charged to the company according to each invoice, and a description of the service provided.

- 39. Alternative yearly load forecasts for the 10 years succeeding the test year, summer and winter peaks, based on:
 - a. Present forecasts as anticipated by the Company.
- b. Reasonable assumptions reflecting possible changes in the availability of alternative energy sources (i.e., natural gas, fuel oil, solar power, etc.) actual and projected.
- c. If a current 10 year forecast is not available, provide the most recent forecast and state the reason a 10 year forecast is not available.
- 40. Purchased power costs. These costs should be separated into demand and energy costs. The actual and estimated KW demands and KWH purchased should be included. Indicate any estimates used and explain in detail.
- 41. Provide an annualization of the operation of any generating units declared commercial during the test year using the Company's estimate of the annual cost of operation of these units.
- 42. A listing of present or proposed research efforts dealing with the pricing of electricity and the current status of such efforts.
 - 43. For the test year submit the following data:
- a. Coincident peak demand for each rate schedule at the time of the summer and winter peaks.
- b. KWH sales and number of bills for each residential rate schedule during the months of the winter peaks.

- c. System peak demand for summer and winter seasons.
- d. Non-coincident and class peak demands for each rate schedule for the summer and winter seasons.
- 44. Provide a schedule reflecting the salaries and other compensation of each executive officer for the test year and the preceding 5 calendar years. Include the precentage annual increase and the effective date of each increase.
- 45. Provide an analysis of the Company's expenses for research and development activities for the test year and the 5 preceding calendar years. For the test year include the following details:
- a. Basis of fees paid to research organizations and the company's portion of the total revenue of each organization. Where the contribution is monthly, provide the current rate and the effective date.
- b. Details of the research activities conducted by each organization.
- c. Details of services and other benefits provided to the company by each organization during the test year and the calendar year 1981.
- d. Total expenditures of each organization during 1981 including the basic nature of costs incurred by the organization.

- e. Details of expected benefits to the company.
- 46. Provide the name and address of each member of the Board of Directors of Kentucky Power along with his or her personal mailing address. If, during the course of these proceedings, any changes occur in board membership, provide an update to this request.

Done at Frankfort, Kentucky, this 23rd day of February, 1983.

PUBLIC SERVICE COMMISSION

For the Commission

ATTEST:

Secretary

Case No. 8734

Comparative Capital Structures (Excluding JDITC)

For the Periods as Shown

"000 Omitted"

6.	.	4.	.	2.		No.
Total Capitalization	Other (Itemize by type)	Common Equity	Preferred & Preference Stock	Short Term Debt	long Term Debt	Type of Capital
						10th Amount
						10th Year
						9th Amount
	1					9th Year Amount Ratio
			,			8th Year Amount Ratio
	-					Year Ratio
						7th
						7th Year Amount Ratio
						6th Year
İ						Year
						5th Year Amount Ratio
						Year

Case No. 8734

Comparative Capital Structures (Excluding JDITC)

For the Periods as Shown

"000 Onicend"

6.	٠.	4	'n	2.	:	Line No.
Total Capitalization	Other (Itemize by type)	Common Equity	Preferred & Preference Stock	Short Term Debt	Long Term Debt	Type of Capital
						4th Amount
						4th Year Amount Ratio
						3rd Year
						2nd Year Amount Ratio
						1st Year Amount Ratio
						Test Year Amount Ratio
						Test Year Amount Ratio
						ear Ratio

Format 1
Schedule 1
Page 3 of 3

COMPANY NAME

Case No. 8734

Comparative Capital Structures (Excluding JDITC)

For the Periods as Shown

"000 Omitted"

Latest Available Quarter
Amount Ratio

No.

Type of Capital

Short Term Debt Long Term Debt

Preferred & Preference Stock

Common Equity

Other (Itemize by Type)

Total Capitalization

Instructions:

Provide a calculation of the average test year data as shown in Schedule 2 of this format.

If the applicant is a member of an affiliated group, the above data is to be provided for the parent company and the system consolidated.

Case No. 8734

Calculation of Average Test Period Capital Structure
12 Months Ended

"000 Onitted"

17.	16.	15.	14.	13.	12.	11.	10.	9.	<u>.</u>	7.	6.	5.	4	۳	2.	1.	Line No.
End-of-period capitalization ratios	Average capitalization ratios	Average balance (L14 + 13)	Total (Ll through L13)	12th Month	11th Wonth	10th Month	9th Honth	8th Month	7th Month	6th Month	5th Month	4th Honth	3rd Month	2nd Month	1st Wonth	Balance beginning of test year	Item (a)
	•																Total Capital (b)
	-							•									Long-Term Debt (c)
																	Short-Term Debt (d)
																	Preferred Stock (e)
																	Common Stock (f)
																	Retained Earnings (g)
																	Total Comon Equity (h)

Instructions:

If applicable, provide an additional achedule in the above format excluding common equity in subsidiaries from the total company capital structure. Show the amount of common equity excluded.

Include premium on class of stock.

Format 2a Schedule 1

COHPANY NAME

Case No. 8734

Schedule of Outstanding Long-Term Debt For the Colembar Year Ended December 31

Date of Issue (b) Date of Haturity (c) Coupon Interest Rate (e) Cost Rate At Issue (f) Cost
Rate to 3
Haturity
(g) At Time, of Issue (h) Obligation (1) Annualized
Cost
Col. (d)xCol.(g)
(j)

No.

Type of Debt Issue

Total Long-Term Debt and Annualized Cost

Annualized Cost Rate (Total Col.(j) + Total Col.(d))

¹ Nominal Rate

Nominal Rate Plus Discount or Premium Amortization

Nominal Rate Plus Discount or Premium Amortization and Issuance Cost

⁴ Standard and Poor's, Moody, etc.

Case No. 8734

Schedule of Outstanding Long-Term Debt For the Test Year Ended

Line No.
Type of Debt Issue
Date of Issue (b)
Date of Maturity (c)
Amount Outstanding (d)
Coupon Interest Rate (e)
Cost Rate 2 At Issue
Cost Rate to Haturity (8)
Bond Rating At Time 4 of Issue (h)
Type of Obligation
Annualized Cost Col.(d)xCol.(g)

Actual
Test Year
Interest Cost
(k)

Total Long Term Debt and Annualized Cost

Annualized Cost Rate (Total Col.(j) + Total Col.(d))

Actual Long-Term Debt Cost
Rate (Total Col. k + Total
Reported in Col. (c) Line 15
of Format 1, Schedule 2)

l Nominal Rate
2 Nominal Rate Plus Discount or Premium Amortization
3 Nominal Rate Plus Discount or Premium Amortization and Issuance Cost
4 Standard and Poor's, Hoody, etc.
5 Sum of Accrued Interest Amoritization of Discount or Premium and Issuance Cost



Format 2a Schedule 3

Case No. 8734

Long-Term Debt and Preferred Stock Cost Rates

Annualized Cost Rate

Long-Term Debt Preferred Stock

Parent Company:

Test Year

Latest Calendar year

System Consolidated:

Test Year

Latest Calendar year

Instruction:

- 1. This schedule is to be completed only by applicants that are members of an affiliated group.
- Detailed workpapers showing calculation of the above cost rates are to be available on request.

Case No. 8734

Type of Debt Instrument (a)	
Date of of Issue (b)	Schedule of Short-Term Debt
Date of Haturity	ear Ended
Amount Outstanding (d)	rm Debt
Nominal Interest Rate (e)	
Effective Interest Cost Rate (f)	
Interest Cost Col.(d) x Col.(f) (g)	

. Line

Test Year Interest Cost Rate (Actual Interest * Average Short-Term Debt) (Report in Col.(f) of this schedule)	Average Short-Term Debt - Format 1, Schedule 2 Line 15 Col.(d) (Report in Col.(g) of this schedule)	Actual Interest Paid or Accrued on Short Term Debt during the Test Year (Report in Col.(g) of this schedule)	Annual Cost Rate (Total Col.(g) + Total Col.(d))	Total Short-Term Debt	
S				os.	
		5		S	

Instructions:
1. In all instances where the Effective Interest Cost Rate is different from the Nominal Interest Rate provide a calculation of the Effective 1. Interest Cost Rate in sufficient detail to show the items of costs that cause the difference.

Format 3 Schedule 1

Schedule of Outstanding Shares of Preferred Stock For the Test Year Ended

Case No. 8734 COMPANY NAME

Date of Insue Sold (c)

No.

Description of Issue (a)

Amount
Outstanding
(d)

Dividend Rate (e)

Cost Rate at Issue (f)

Annualized

Coet

Col.(f) x Col.(d)

(g)

Couvertibility Features
(h)

Annualized Cost Rate (Total Col.(g) + Total Col.(d))

Total

Hetruction: 1. If the applicant has issued no preferred stock, this schedule may be omitted.

1

Format 3 Schedule 2

COMPANY NAME

Case No. 8734

Schedule of Outstanding Shares of Preferred Stock For the Test Year Ended

Date of Issue (b) Sold (c)

Line No.

Description of Issue (a)

Amount Outstanding (d)

Dividend Rate (e)

Cost Rare at Issue (f)

Annualized
Cost
Cost
Col.(f) x Col.(d) Convertibility Features
(g)
(h)

Total Annualized Cost Rate (Total Col.(g) + Total Col.(d))

Instruction:
1. If the applicant has issued no preferred stock, this schedule may be omitted.

1

Format 3
Schedule 2

COMPANY NAME

Case No. 8734

Schedule of Outstanding Shares of Preferred Stock For the Test Year Ended

Lesue
(b) Sold (c) Amount Outstanding (d) Dividend Rate (e)

Line No.

Description of Issue
(a)

Annualized

Cost

Col.(f) \times Col.(d)

(g) Test Year Convertibility
Cost Features
(h) (1)

Cost Rate
at Issue
(f)

Total

Annualized Cost Rate (Total Col.(g) + Total Col.(d))

Actual Test Year Cost Rate (Total Col.(b) + Total Reported in Col.(e), Line 15 of Format 1, Schedule 2)

nstruction:

1. If the applicant has issued no preferred stock, this schedule may be omitted.

Format 4a

COMPANY NAME

)

Case No. 8734

Schedule of Common Stock Issues

For the 10 Year Period Ended

Number Price Per Price Per of Shares Share to Share (Met Issued Public to Company)

Issue

Date of Announcement

Registration

Selling Exps. Het
As I of Gross Proceeds
Issue Amount to Company

Book Value Per Share At Date of Issue

Instructions:

l. If applicant is a member of an affiliate group, provide a separate schedule showing the above data for the parent company.



Case No. 8734

Quarterly and Annual Common Stock Information For the Periods as Shown

	*	Average		Earnings	Dividend	Return on
		No. of Shares	Book	per	Rate	Average
Period		Outstanding	<u>Value</u>	Share	Per Share	Common Equity

5th Calendar Year:

1st Quarter

2nd Quarter

3rd Quarter

4th Quarter

Annua1

4th Calendar Year:

1st Quarter

2nd Quarter

3rd Quarter

4th Quarter

Annua1

3rd Calendar Year:

1st Quarter

2nd Quarter

3rd Quarter

4th Quarter

Annual

2nd Calendar Year:

1st Quarter

2nd Quarter

3rd Quarter

4th Quarter

Annual

1st Calendar Year:

1st Quarter

2nd Quarter

3rd Quarter

4th Quarter

Annual

Latest Available Quarter

Instructions:

- 1. Report annual returns only.
- 2. If applicant is a member of an affiliate group, provide a separate schedule showing the above data for the parent company.

SHAM ANVAROO

Case No. 8734

Common Stock - Harket Price Information

TE March June July August November December

3rd Year:
· Monthly High
Honthly Low
Honthly Closing Price Sth Year:
Honthly High
Honthly Low
Monthly Closing Price 4th Year:
Honthly High
Honthly Low
Honthly Closing Price

2nd Year:
Honthly High
Monthly Lov
Honthly Closing Price

Months to Date of Filing:
Monthly High
Monthly Low
Monthly Closing Price lst Year
Honthly High
Honthly Low
Monthly Closing Price

nstructions:

1. Indicate all stock splits by date and type.

If applicant is a member of an affiliate group, provide in a separate schedule the above data for the parent company.

073/

Case No. 8734

Comptutation of Fixed Charge Coverage Ratios For the Periods as Shown

Bond or Kortg. Indenture SEC Require- Method ment	. 10th Calendar Year
Bond or Hortg: Indenture SEC Require-	9th Calendar Year
Bond or Morts. Indenture SEC Require- Hethod ment	8th Calendar Year
Bond or Mortg. Indenture SEC Require- Method ment	7th Calendar Year
Korts. Korts. Indenture. SEC Require- Nethod ment	6th Calendar Year

Total Additions
Deductions:
Itemize

Net Income Additions: Itemize

Item

Total Deductions

Income Available for fixed charge coverage

Fixed Charges

Fixed Charge Coverage Ratio

Case No. 8734

Computation of Fixed Charge Coverage Ratios For the Periods as Shown

lendar Year lendar Year Bond or Bond		
4th Calendar Year Bond or Hortg. Indenture SEC Require-	Sth Calendar Year Bond of Morts Indentur SEC Requir	
endar Year Bond or Bond or Hortg. Indenture Indenture Require SEC Require Method Met	Ath Calen	
lendar Year Bond or Bond or Hortg. Hortg. Indenture Require Require Rethod Reth	e	
Bond or Hortg. Indenture Require- SE	ler	
35 SEC		- Vont
Bond or Hortg. Indenture Require- ment		Test Year

Total Additions
Deductions:
Itemize

8

Item

Net Income Additions: Itemize

Total Deductions

Income Available for fixed charge coverage

Fixed Charges

Fixed Charge Coverage

Case No. 8734

Summary of Customer Deposits

Kentucky Only

12 Months Ended _____

Line No.	Month (a)	Receipts (b)	Refunds (c)	Balance (d)
1.	Month Preceding Test Year			
2.	1st Month	·	•	
3:	2nd Month			
4.	3rd Month			·
5.	4th Month		·	
6.	5th Month			
7.	6th Month	. •		•
8.	7th Month			
9.	8th Month			
10.	9th Month			
11.	10th Month			
12.	11th Month			
13.	12th Month		•	
14.	Total (Sum of I	L1 through L13)		
15.	Average balance (L14 + 13			
16.	Amount of deposits receive	ved during test peri	od	
17.	Amount of deposits refund	ded during test peri	ođ	
18.	Number of deposits on ha	nd end of test year		
19.	Average amount of deposi	t (L15, Column (d) +	L18) ·	
20.	Interest paid during tes	t period		
21.	Interest accrued during	test period		
22.	Interest rate			

Kentucky Power

Commonwealth of Kentucky

Case No. 8734

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF THE

PRECEDING YEAR

Account Title and Account Number 1st Month 2nd Month 3rd Month 4th Month 5th Month 6th Month 7th Month Month 8th 9th Nonth 10 th Month 11th Month 12th Month Total

Test Year Prior Year Increase (Decrease)

Kentucký Power

Case No. 8734

ANALYSIS OF SALARIES AND WAGES

For the Calendar Years 1977 Through 1981 And the 12-Month Period Ending

(000's)

	Amount	5t)		
(6)) 	3		
ć	Amount	4	Ca	
(0)	2)%	th	lendar	
(£)	Amount	32	Years Pr	
6	9	ď	rior to	12
(Amount	2n	Test Yea	Months E
	= -	•	ar	nded
	Amount (+)	lst		
3	<u> </u>			
į	(1)	Yea	Tes	
		F	ř	

Line No.

Wages charged to expense:

Item (a)

Power production expense

Transmission expenses

7.	6.	5.	4.
Administrative and general expenses:	Sales expenses	Customer accounts expense	Distribution expenses



(a)

3

Administrative and general salaries Office supplies and

expense

<u>C</u>

Administrative expense

transferred-cr.

E E

Outside services employed

Injuries and damages

Property insurance

Format 18c Sheet 2 of 2

Kentucky Power

)

Case No. 8734

Item (a)					
5th Amount % (b) (c)	Calendar				
Amount & A (d)	Years Prior	12 Months E			
mount (1)	to Test Year	Ended			
$\frac{3}{8} \frac{\frac{2nq}{\text{Amount}}}{(g)}$	7				
Amount %					
Amount (1)	Test				
3					

Administrative and general expenses (continued):

Line No.

- 8) Employee pensions & benefits
- E B Franchise requirements
 Regulatory Commission
- £(j. expense
 Duplicate charges-cr.
 Miscellaneous general
- expense
- <u>B</u>E Maintenance of general plant Rents
- **φ** Total administrative & general expenses L7(a) through L7(m)
- <u>ဗ</u> Total Salaries and wages charged expense (L2 through L6 + L8)
- 10. Wages capitalized
- 11. Total of salaries and wages
- 12. Ratio of salaries and wages charged expense to total wages (L9 ÷ L11)
- NOTE: 13. Ratio of salaries and wages capitalized to total wages (L10 + L11)
 Show percent increase of each year over the prior year in Columns (c), (e), (g), (i), (k), and (m).

Case Number 8734

RECONCILIATION OF BOOK NET INCOME AND FEDERAL TAXABLE INCOME

12 Months Ended

Item (a)
Total Company (b)
Total Company Non-operating (c)
Total Company Electric (d)
Rentucky Perail (e)
Other Retail Jurisdictions (f)
FPC Wholesale

No.

Net income per books Add income taxes

₽?

Federal income tax - Current

ဂ္

Federal income tax deferred -Federal income tax deferred -

depreciation

16. 17. 18. Taxable income per return Difference between book taxable income Flow through items:
Add (itemize) Book taxable income Add (itemize)
Deduct (itemize) Deduct (itemize) and taxable income per tax return:

မှာ အ

១.ម

State income taxes charged to

other income and deductions

Total

State income taxes

7.

ë b

Investment tax credit adjustment Federal income taxes charged to

other income and deductions

NOTE: Provide a calculation of the amounts shown on lines 3 and 7 above.

Provide work papers showing the calculation of straight-line tax depreciation and accelerated tax depreciation and all other work papers in support of the calculation of Federal income tax expense.

Provide a schedule setting forth the basis of allocation of each item of revenue or cost allocated above-

Case No. 8734

ANALYSIS OF OTHER OPERATING TAXES-Electric

12 Months Ended

(000's)

No. Line Kentucky Retail: (a)

- (a) State Income
- (b) Franchise Fees
- (c) Ad Valorem
- (d) Payroll (employers Portion)
- (e) Other Taxes
- 2. Total Kentucky Retail (L 1 (a) through L 1 (e)
- Ψ Other Jurisdictions

Total per Books (L 2 and L 3)

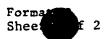
Explain items in this column.

Construction (c) Charged to

Other Accounts 1/

Amount Accrued
(e)

3



Case No. 8734

NET INCOME PER 1000 KWH SOLD

For the Calendar Year 1977 through 1981
And for the 12 Months Ended ...
(Total Company)

(000's)

				12 Mo	nths	Ended	
	-		Cal	endar	Year	s	
			Prior	to T	est Y	ear	Test
• •		5th	4th	3rd	2nd	1st_	Year
Line	Item (a)	(b)	(c)	<u>(a)</u>	(e)	(<u>f)</u>	(g)
No.	(a)						
1.	Operating Income						
2.	Operating revenues						
3.	Operating Income Deductions						
4.	Operation and maintenance expenses:						
5.	Fuel						
6.	Other power production expenses						
7.	Transmission expenses						
8.	Distribution expenses					•	
9.	Customer accounts expense						
10.	Sales expense						
11.	Administrative and general expense						
12.	Total (L5 through L11)						
13.	Depreciation expenses						
14.	Amortization of utility plant acquisition						
	adjustment						
15.	Taxes other than income taxes						
16.	Income taxes ~ Federal						
17.	Income taxes - other						
18.	Provision for deferred income taxes						
19. 20.	Investment tax credit adjustment - net						
20.	Total utility operating expenses						
22.	Net utility operating income						
22.	Other Income and Deductions Other income:						
24.	Allowance for funds used during construc	tion					
25.	Miscellaneous nonoperating income						
26.	Total other income						
27.	Other income deductions:						
28.	Miscellaneous income deductions						
29.	Taxes applicable to other income and deduct	ions					
30.	Income taxes and investment tax credits	0113	•				
31.	Taxes other than income taxes						
32.	Total taxes on other income and deducti	one					
33.	Net other income and deductions	.0118					
	Andone und acoustatio						

Case No. 8734

NET INCOME PER 1000 KWH SOLD

For the Calendar Year 1977 through 1981

And for the 12 Months Ended

(Total Company)

(000's)

		12 Months Ended				
		Calendar Years				
Line		Prior to Test Year	Test			
No.	Item	5th 4th 3rd 2nd 1st	Year			
	(a)	$\overline{\text{(b)}}$ $\overline{\text{(c)}}$ $\overline{\text{(d)}}$ $\overline{\text{(e)}}$ $\overline{\text{(f)}}$	(g)			

34. Interest Charges

35. Interest on long-term debt36. Amortization of debt expense

37. Other interest expense

38. Total interest charges

39. Net income

40. 1000 KWH sold

Case No. 8734

COMPARATIVE OPERATING STATISTICS

and the 12-Month Period Ended For the Calendar Years 1977 Through 1981

(Total Company)

Cost (b)	5
Inc. (c)	
Cost (d)	50
Inc. (e)	alendar
Cost (f)	Years 31
Inc. (g)	12 M Prior
Cost (h)	to Test
Inc. (1)	Ended t Year
Cost (j)	1st
Inc.	
(<u>)</u>	Tes

No. Line

Item (a)

t p oal il	Coal - cost per ton Oil - cost per gallon Cas - cost ner MCF
------------------	--

4.

Fuel Costs:

8.76.

Cost Per 1000 KWH Sold:

9. 10. 11. Coal

Gas 011

Wages and Salaries - Charged Expense: Per average employee

13.

15. 16. Depreciation Expense:
Per \$100 of average gross plant in service

19. 20.	Line No.
Rents: Per \$109 of average gro	Item (a) Purchased Power: Per 1000 KWH Purchased

(a)	Cost	-	Şŧ		
3	Inc.	4	'n		
(a)	Cost		44	5	
<u>&</u>	Inc.	7	h	alendar	:
(a)	Cost		3r	Years	1
(b)	Inc.	14	C.	Prior t	2 Month
(a)	Cost		2 <u>n</u>	o Test	s Ende
3	Inc.	7	۵.	Year	a.
a	Cost		lst		
9	Inc.	*	•		
(a)	Cost		Test		
3	Inc.	H	Year		

Ϋ́
Talle
. 111
C C
4

21. 22. Property Taxes: Per average \$100 of average gross (net) plant in service

Per \$109 of average gross

plant in service

23. Payroll Taxes:

26. 25. 24. Per average salary of employees whole salary is charged to expense Per 1000 KWH sold Per average number of employees whose salary is charged to expense

Interest Expense:

27. 28. Per \$100 of average debt outstanding Per \$100 of average plant investment

29. 30.

Per \$100 KWH sold

Case No. 8734

AVERAGE ELECTRIC PLANT IN SERVICE BY ACCOUNT PER 1000 KWH SOLD

For the Calendar Year 1977 Through 1981 and the Test Year Ended

(Total Company)

Test Year (8)

332 336 336	330 331	316 106	314 315	312	310	301	Account Number
Reservoirs, dams and waterways Water wheels turbines and generators Accessory electric equipment Miscellaneous power plant equipment Roads, railroads and bridges Completed construction - not classified Total hydraulic production plant	Hydraulic Production Plant Land and land rights Structures and improvements	Miscellaneous power plant equipment Completed construction - not classified	Turbogenerator units Accessory electric equipment	Structures and improvements Boiler plant equipment	Steam Production Plant Land and land rights	Intangible Plant Organization	Title of Accounts (a)
		•					5th
							Calendar Ye
							12 Mont ars Prior 3rd (d)
							endar Years Prior to Test Year 4th 3rd 2nd (c) (d) (e)
							lst (f)

Account 369 370 371 372 373 367 368 359 358 356 357 350 352 353 354 355 106 345 346 366 360 361 341 340 Distribution Plant Transmission Plant Other Production Plant Completed construction - not classified Street lighting and signal systems Leased property on customers' premises Meters Services Line transformers Underground conductors and devices Overhead conductors and devices Poles, towers and fixtures Station equipment Structures and improvements Roads and trails Underground conductors and devices Underground conduit Overhead conductors and devices Poles and fixtures Station equipment Structures and improvements Completed construction - not classified Miscellaneous power plant equipment Accessory electric equipment Structures and improvements Installations on customers' premises Underground conduit Land and land rights Completed construction - not classified Towers and fixtures Generators Prime movers Fuel holders, producers and accessories Land and land rights Land and land rights Total distribution plant Total transmission plant Total production plant Total other production plant Title of Accounts (a)

> Sheet 2 of 3 Format 22 '

12 Month Ended

(b)		
4 <u>th</u>	Calendar 1	
-14.5	lears l	1.
3rd (d)	rior (. 1101161
2nd (e)	to Test	. Minco
- 11-4	Year	
(f)		
Year (g)	Test	

Account Number

Title of Accounts

General Plant Land and land rights Completed construction - not classified Other tangible property Miscellaneous equipment Communication equipment Power operated equipment Laboratory equipment Tools, shop and garage equipment Stores equipment Transportation equipment Office furniture and equipment Structures and improvements

392 393 394 395 396 397 397 398 399

1000 KWH Sold Total electric plant in service

100.1

ত্রাই Years Prior to Test Y

| 3rd | 2nd |
| 2nd | (e) (g)

Format 22

Sheet 3 of 3

Case No. 8734

STATEMENT OF ELECTRIC PLANT IN SERVICE

12 Months Ended

(Total Company)

330 331 331 335 336 106	310 311 312 314 315 316	301	Account
Hydraulic Production Plant Land and land rights Structures and improvements Reservoirs, dams and waterways Water wheels turbines and generators Accessory electric equipment Miscellaneous power plant equipment Roads, railroads and bridges Completed construction - not classified Total hydraulic production plant	Steam Production Plant Land and land rights Structures and improvements Boiler plant equipment Turbogenerator units Accessory electric equipment Miscellaneous power plant equipment Completed construction - not classified Total steam production plant	Intangible Plant Organization	Title of Accounts (a)
	-		Beginning Balance (b)
			Additions (c)
			Retirements (d)
			Transfers (e)
			Ending Balance (f)

Retirements (d)

Transfers (e)

Ending Balance (f)

371 372 373 373		350 352 353 354 355 356 357 358 358	340 341 342 345 346 106	Account
Installations on customers' premises Leased property on customers' premises Street lighting and signal systems Completed construction - not classified Total distribution plant	Land and land rights Structures and improvements Station equipment Poles, towers and fixtures Overhead conductors and devices Underground conduit Underground conductors and devices Line transformers Services	Iransmission Plant Land and land rights Structures and improvements Station equipment Towers and fixtures Poles and fixtures Overhead conductors and devices Underground conduit Underground conductors and devices Roads and trails Completed construction - not classified Total transmission plant	Land and land rights Structures and improvements Fuel holders, producers and accessories Prime movers Generators Accessory electric equipment Miscellaneous power plant equipment Completed construction - not classified Total other production plant	Title of Accounts
	·			Beginning Balance (b)
,				Additions (c)

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Ending Balance (f)

38 39 391 392 393 394 395 396 396 398 398	Account Number
Land and land rights Structures and improvements Office furniture and equipment Transportation equipment Stores equipment Tools, shop and garage equipment Laboratory equipment Communication equipment Other tangible property Completed construction - not classified Total general plant	Title of Accounts (a)
	Beginning Balance (b)
	Additions (c)
	Retirements (d)
	Transfers (e)

100.1

Total electric plant in service

1000 KWH Sold

Case No. 8734

ACCOUNT 913 - ADVERTISING EXPENSE

For the 12 Months Ended

Line No.	Item (a)	Promotional Advertising (b)	Institutional Advertising (c)	Conservation Advertising (d)	Rate Case (e)	Other (f)	Total (g)
	(8)	(6)	(e)	(a)	(e <i>)</i>	(1)	(8)

- 1. Newspaper
- 2. Magazines and Other
- 3. Television
- 4. Radio
- 5. Direct Mail
- 6. Sales Aids
- 7. Total

Case No. 8734

ACCOUNT 930 - MISCELLANEOUS GENERAL EXPENSES

For the 12 Months Ended

(Total Company)

(000's)

	•
Line No.	Item (a)
1.	Industry Association Dues
2.	Stockholder and Debt Servicing Expenses
3.	Institutional Advertising
4.	Conservation Advertising
5.	Rate Department Load Studies
6.	Director's Fees and Expenses
7.	Dues and Subscriptions
8.	Miscellaneous
9.	Total

Amount Assigned to Kentucky

10.



Case Number 8734

ACCOUNT 426 - MISCELLANEOUS INCOME DEDUCTIONS

For the 12 Months Ended

Line No.

Item (a)

Amount (b)

- 1. Donations
- 2. Civic Activities
- 3. Political Activities
- 4. Other
- 5. Total

Case No. 8734

ANALYSIS OF INVESTMENT in Franklin Real Estate Company & Indiana Franklin Realty, Inc.

For the Twelve Months Ending

	Investment
	Date of Initial Investment
	Book Cost Beginning of Year
	Purchases or Additions During Year
	Sales or Other Dispositions During Year
	Book Cost End of Year
•	Gain or Loss from Investment Disposal

j

Kentucky Power Company

Commonwealth of Kentucky

Case No. 8734

AVERAGE RATES OF RETURN

12 Months Ended

No.	Calendar Years Prior to Test Year (a) Original Cost Net Investment:	Electric Department (b)	Gas Department (c)	Total Company (d)
2.	5th Year			
3:	4th Year			
4.	3rd Year		•	
5.	2nd Year			•
6.	lst Year	•		
7.	Test Year			
. 8.	Original Cost Common Equity:			•
9.	5th Year			
10.	4th Year			
11.	3rd Year			
12.	2nd Year			
13.	lst Year			•
14.	Test Year			

NOTE: Provide work papers in support of the above calculations.

COMPANY NAME

Case No. 8734

Schedule of Number of Employees, Hours Per Employee, And Average Wages Per Employee

2. Show per	c	Z Change	Test Year	1 Change	1st Year	Z Change	2nd Year	% Change	3rd Year	% Change	4th Year	% Change	5th Year	Prior to Pest Year (A)
cent increase (dec	employee's wages													No. Hrs. Wages (B) (C) (D)
crease) of each yea	are charged to mon													No. Hrs. Wages (E) (F) (G)
ir over the prior y	e than one function													No. Hrs. Wages (H) (I) (J)
Show percent increase (decrease) of each year over the prior year on lines designated "% Change."	tructions: 1. Where an employee's wages are charged to more than one function include employee in function													No. Hrs. Wages
ted "% Change."														No. Hrs. Wages (N) (O) (P)
	receiving largest portion of total wages.													Administrative and General No. Hrs. Wages (Q) (B) (S)
	n of total vages.													Construction Total No. Hrs. Wages No. Hrs (T) (U) (V) (W)(X)

Employees, weekly hours per employes, and weekly wages per employes for the week including December 31 of each year and the last day of the test year.

Kentucky Power Company Case No. 8734

Professional Service Expenses

For the Twelve Months Ended

Line No.	Item	Rate Case	Annual Audit	Other	Total
1.	Legal				
2.	Engineering				•
3.	Accounting	•			
4.	Other				
5.	Total				